

Product datasheet for **RN215338**

Lhx5 (NM_139036) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lhx5 (NM_139036) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lhx5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN215338 representing NM_139036 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATGGTGCACTGTGCCGGCTGTGAGCGGCCCATCCTCGACCGCTTTCTGCTGAACGTGCTGGACCGCG
CGTGGCATATCAAATGTGTTCAATGCTGCGAGTGCAAAACCAACCTCTCGGAGAAGTGTTTCTCCGGGA
GGGCAAGCTGTACTGTAAAAAGCACTTCTTCAGGCGCTTTGGCACAAGTGCGCCGGCTGTGCGCAAGGT
ATCTCTCCAGCGACCTGGTGCGCAAGGCCGAGCAAAGTCTTCACCTCAACTGCTTCACCTGCATGG
TGTGCAACAAGCAGCTGTCCACCGGAGAAGAAGTCTACGTGATCGACGAGAACAAGTTTGTGTCAAGGA
CGACTACTTAAGCTCCTCTAGTCTCAAAGAGGGAAGCCTCAACTCAGTGTCATCCTGTACGGACCGCAGT
TTGTCTCCGACCTCCAAGATCCGTTACAGGACGACCCCAAAGAGACCGACAACCTCGACCTCATCGGACA
AGGAGACCGCTAACAACGAGAATGAGGAACAGAACTCCGGCACCAACGCGCGGCCCGCGCACTACCAT
CAAGGCCAAGCAGCTGGAGACGCTCAAGGCAGCCTTCGAGCCACGCCAAGCCACGCGCCACATCCGC
GAACAGCTGGCACAAGAGACCGGCTCAACATGAGGGTCATTAGGTGTGGTTTCAGAACCGAAGGTCCA
AAGAAGCCCGCATGAAACAGCTGAGCGCTCTGGCGCCCGGAGACACGCTTCTCCGAGTCCGCGGCG
CATGCGTCCCCTGGCGGCCGCTTGGACGAGTCTGAGATGTTGGGTCTACCCCATATACTATTATGGA
GACTACCAAAGCGACTACTACGCTCCGGGAGGCAACTACGATTTCTTCGCGCACGCCCGCGCTCGCAGG
CACAGTCTCCGGCCGACTCAAGCTTCTTGGCAGCATCGGGACCTGGCTCGACGCCGCTTGGCGCGCTGGA
ACCACCGCTGGCTGGGCCTCACGGCGCGGACAACCCTAGGTTACCGACATGATCTCGCACCCGGACACG
CCCAGTCCGGAGCCAGGCTTGCCCGGAGCGCTGCACCCCATGCCGGGAGAGGTGTTACGCGCGGCCCA
GCCCGCCTTCCCATGAGCGGCACGCGGCTACAGCGGACCCCTGTGCGACCCCAATCCTGAGCTCAA
CGAAGCGGCCGTATGGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



View online »

ACCN:	NM_139036
Insert Size:	1209 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_139036.1</u> , <u>NP_620605.1</u>
RefSeq Size:	1914 bp
RefSeq ORF:	1209 bp
Locus ID:	124451
UniProt ID:	<u>P61376</u>
Cytogenetics:	12q16
Gene Summary:	LIM homeobox transcription factor; may be involved in the topographic organization of motor neurons [RGD, Feb 2006]